

Lake Worth Dam and Lake Worth

OWNER

City of Fort Worth.

ENGINEER (Design)

John B. Hawley.

LOCATION

On the West Fork Trinity River in Tarrant County, in northwest Fort Worth.

DRAINAGE AREA

2,064 square miles. Runoff is supplemented by releases from Bridgeport and Eagle Mountain Reservoirs.

DAM

Type	Earthfill with concrete spillway
Length	3,200 ft
Maximum height	50 ft
Top elevation	606.3 ft above msl
Top width	Varies to 40 ft

SPILLWAY

Type	Concrete section (uncontrolled)
Crest length	700 ft
Crest elevation	594.3 ft above msl

OUTLET WORKS

Type	Conduits through the dam
Conduit size	One 48-inch diameter pipe and two 60 by 48-inch rectangular conduits
Control to treating plant	Three valves, each 48 inches in diameter
Control to downstream releases	One 36-inch valve on 48-inch pipe

STATE AUTHORIZATION

Certified Filing No. 757 filed June 27, 1914, was the authorization for this project. This certified filing covered five other small projects on the Clear Fork and West Fork Trinity River.

RESERVOIR DATA (Based on 1968 aerial survey by U.S. Army Corps of Engineers)

Capacity	38,130 acre-feet at elevation 594.3 ft above msl
Area	3,560 acres at elevation 594.3 ft above msl

GENERAL

Construction started	1912
Impoundment of water began	June 1914
Dam completed	October 1914
General contractor	The Underground Construction Company November 1911 to April 1913 City of Fort Worth April 1913 to October 1914
Estimated cost of dam	\$589,000 does not include land

